



Polymer Materials Testing Laboratory Analysis/Test Report

Date Received: 2016/08/05

Assignment No: 105A011-J312037R1

Date Issued: 2016/11/15

Applicant : Green Wrapping Technology Co., Ltd.

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Articles : PE Fresh Bags

久旺科技

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Authorized by

Liao Chien-Tung

Liao Chien-Tung
Group Leader





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Application No : 105A011-J312037R1

Date Tested : 2016/08/09~2016/08/12

Analysis Substance	Method(s)	Results	Method Detection Limit	Limit
Material Test				
Lead (Pb) content	Sanitation Standard for Food Utensils, Containers and Packages	Non-Detected	5 ppm	100 ppm
Cadmium (Cd) content	DOH Food No. 1021950607 *	Non-Detected	5 ppm	100 ppm
Bis-(2-ethylhexyl) Phthalate (DEHP)	CNS 15138-1	Non-Detected	0.005 %	0.1 %
Dibutyl phthalate (DBP)		Non-Detected		
Benzylbutyl Phthalate (BBP)		Non-Detected		
Diisononyl Phthalate (DINP)		Non-Detected		
Di-n-octyl Phthalate (DNOP)		Non-Detected		
Diisodecyl Phthalate (DIDP)		Non-Detected		
Dimethyl phthalate (DMP)		Non-Detected		
Diethyl phthalate (DEP)		Non-Detected		
Dissolution test				
Consumption of Potassium Permanganate (Water, 60 °C ; 30 min)	Sanitation Standard for Food Utensils, Containers and Packages	1.5 ppm	0.1 ppm	10 ppm
Heavy Metal Contents (Pb) (4 % Acetic acid, 60 °C ; 30 min)	DOH Food No. 1021950607 *	< 1 ppm	—	1 ppm
Residue of Evaporation (Water, 60 °C ; 30 min)	Sanitation Standard for Food Utensils, Containers and Packages DOH Food No. 1041900696 *	Non-Detected	2 ppm	30 ppm
Residue of Evaporation (4 % Acetic acid, 60 °C ; 30 min)		4.0 ppm	2 ppm	30 ppm
Residue of Evaporation (20 % Ethanol, 60 °C ; 30 min)		2.0 ppm	2 ppm	30 ppm
Residue of Evaporation (n-Heptane, 25 °C ; 1 h)		11.0 ppm	2 ppm	150 ppm
Bis-(2-ethylhexyl) Phthalate (DEHP)		Sanitation Standard for Food Utensils, Containers and Packages DOH Food No. 1021950607 *	Non-Detected	0.05 ppm
Dibutyl phthalate (DBP)	Non-Detected		0.3 ppm	
Benzylbutyl Phthalate (BBP)	Non-Detected		30 ppm	
Diisononyl Phthalate (DINP)	Non-Detected		9 ppm	
Diisodecyl Phthalate (DIDP)	Non-Detected		9 ppm	
Bis(2-ethylhexyl) adipate (DEHA)	Non-Detected		18 ppm	
Di-n-octyl Phthalate (DNOP)	Sanitation Standard for Food Utensils, Containers and Packages Ref. DOH Food No. 1021950607 *		Non-Detected	

REMARK:

1. Specimen see attached photo 1
2. The Bisphenol A and Phthalate test is performed by Taiwan Pony Testing Technology Inc. (HK Ltd) of the material test and dissolution test.
3. Test Conditioning: n-Heptane, 25 °C, 1 h
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Attached photo 1: Specimen

